

Convergys[®] Coagulation Analyzers and Reagents



The Professional Way of Coagulation Analysis

- 4 independent measurement channels for 4 single or 2 duplicate tests
- Color Graphic LCD Touch Display
- Real-time *Visual Status Monitoring Function* guides through the measuring procedure
- Integrated QC function
- Quantitative D-dimer measurement with *Convergys[®] CA 4000-D*
- Integrated thermal printer
- Data storage for up to 1000 samples
- Pre-incubation storage for up to 20 cuvettes
- 2 thermostated reagent positions with magnetic stirring function
- USB interface for data transfer and software upgrade
- Optional barcode reader

The *Convergys[®] CA 4000* and *CA 4000-D* series Coagulation Analyzers are designed for functional factor testing of the intrinsic and extrinsic blood coagulation pathways.

Convergys[®] Coagulation Reagents

Our high quality coagulation product range covers all the standard assays used in coagulation analysis:

Prothrombin Time (*Convergys[®] PT Quick* and *Convergys[®] PT Owren*), Activated Partial Thromboplastin Time (*Convergys[®] APTT*), Fibrinogen (*Convergys[®] Fib Clauss*) and Thrombin Time (*Convergys[®] TT*).



Test Parameters

Parameters for Convergys®	CA 4000	CA 4000-D
Screening tests: PT, APTT, Fibrinogen, TT	✓	✓
Clotting factors: II, V, VII, X, VIII, IX, XI, XII	✓	✓
Inhibitors: APC, Protein C, Protein S, LA	✓	✓
User-defined tests Nephelometric assay, Turbidimetric assay	✓	✓
D-Dimer		✓



Technical Parameters

Instrument dimensions:	80 mm; 195 mm; 310 mm (H, W, D)
Power supply dimensions:	120 mm; 60 mm; 30 mm (H, W, D)
Weight:	2.5 kg
External power supply:	Input: 100–240 VAC, 50–60 Hz; Output: 9 VDC, 5 A
Data interface:	RS-232, slave and master USB
Data storage:	Up to 1000 patient samples
Printer:	Thermal printer 80 mm width
Incubation:	Thermal block with 37 °C ±0.1 °C 20 x preheated cuvette positions 4 x measurement locations 2 x 10 ml reagent positions
Display:	Color Graphic LCD Touch Display
Operating temperature:	15–30 °C
Operating humidity:	10–85 % RH, non-condensing
Storage temperature:	-10 – +50 °C



Ordering Information

Analyzer

REF	Article description
1100-2201	Convergys® CA 4000-D 4-channel Coagulometer with D-Dimer
1100-2202	Convergys® CA 4000 4-channel Coagulometer
1100-2203	Convergys® CA 4000 Cuvettes (1000 pcs/kit)

Reagents and Controls

REF	Pack size	Article description	Format
1100-2230	10 x 2 ml	Convergys® PT Quick	lyophilized
1100-2231	10 x 5 ml	Convergys® PT Quick	lyophilized
1100-2233	10 x 4 ml	Convergys® PT Owren	lyophilized
1100-2235	10 x 5 ml	Convergys® TT	lyophilized
1100-2237	10 x 5 ml	Convergys® APTT	liquid
1100-2239	10 x 5 ml	Convergys® Fib Clauss	lyophilized
1100-2240	10 x 5 ml	Convergys® Coag. Solvent	liquid
1100-2241	10 x 10 ml	Convergys® Coag. Solvent	liquid
1100-2243	10 x 8 ml	Convergys® Coag. Sample Diluent	liquid
1100-2245	10 x 10 ml	Convergys® PT Owren Buffer	liquid
1100-2247	10 x 5 ml	Convergys® CaCl ₂	liquid
1100-2250	1 x 1 ml	Convergys® Coag. Calibrator	lyophilized
1100-2253	1 x 1 ml	Convergys® Coag. Control 1	lyophilized
1100-2254	1 x 1 ml	Convergys® Coag. Control 2	lyophilized

